



SKF 13649

Radial shaft seal with metal case and SKF Wave lip, for oil or grease

Radial shaft seals are used between rotating and stationary machine components, or between components in relative motion. CRW1 seals are designed with a metal case, an SKF WAVE lip made of elastomer with higher pumping rate to reduce heat generation, and a garter spring to optimize sealing against the shaft. Most of the seals feature the SKF Bore Tite coating on the outside diameter that helps fill small imperfections in the housing bore.

Technical specifications

General	
Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Lip material	Nitrile rubber (NBR)
Seal design	CRW1

Dimensions	
Shaft diameter	34.93 mm
Housing bore diameter	53.975 mm
Seal width	7.95 mm

Application and operating conditions	
Operating temperature	-40 °C
Operating temperature	100 °C
Circumferential speed	6.4 m/s
Rotational speed	3480 r/min
Pressure differential	0.07 N/mm ²

Associated products	
SKF Speedi-Sleeve	99139

Performance	
Limiting speed	3480 r/min
Maximum operating temperature	100 °C
Minimum operating temperature	-40 °C
Permissible circumferential speed	6.4 m/s
Rotational speed	3480 r/min

Properties	
Design	CRW1
Auxiliary lip	No
Sealing lip material	Nitrile rubber (NBR)
Type of outside diameter	Metal-cased with sealant coating on the outside diameter
Unit system	Inch

Logistics	
Product net weight	0.015 kg
eClass code	23-07-08-01
UNSPSC code	31181602

SKF drawings

